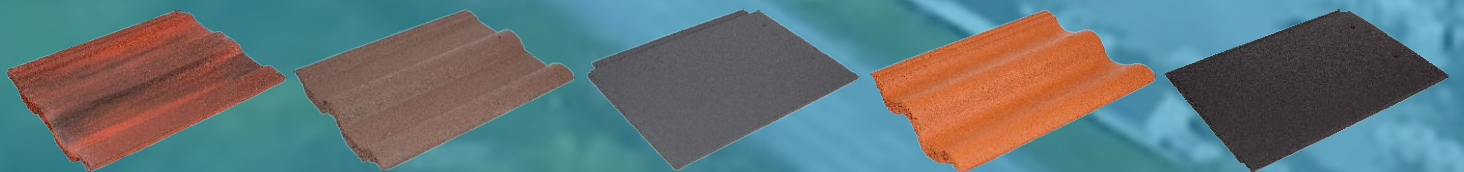




Condron Concrete Works

CONDRON CONCRETE ROOF TILES



Welcome to Condrón Concrete Works



CONDRON CONCRETE WORKS is a 100% Irish owned Private Company founded in 1969 by John Condrón. It is located just outside Tullamore, Co. Offaly, Ireland. As well as concrete roof tiles and accessories, the company manufactures concrete pipes, manholes (standard & customised) and gulley traps, plastic twinwall drainage pipes, land drains and ducting.

CONDRON CONCRETE WORKS is a leading manufacturer of concrete and plastic construction products, with its innovative products designed to reduce installation time and costs as well continuing striving to reduce CO₂ emissions and to improve sustainability by improving our energy efficiency in all areas of our manufacturing processes.

Condrón Concrete roof tiles are manufactured from cement, aggregate, pigments, additives and water mixed and produced under a high pressure compaction and extrusion process using the latest concrete production technologies. Tiles are coated on the top surface with an acrylic coating.



Manufacturing Standards

Condrón Concrete roof tiles are manufactured to comply with the requirements of European Standards Concrete roofing tiles and fittings for roof covering and wall cladding EN 490: - Product specifications and EN 491: Test methods.

Contents

About Condrón Concrete Works	2
Senior Slate	3
Concrete Slate	4
DR (Double Roman) Tile	5
Pantile	6
Low pitch Pantile	7
'M' Profile Tile	8
Tile colours and ridge profiles	9
Technical Services	10

Senior Slate



Black Senior Slates Tullamore



COLOURS

Black
 Anthracite
 Grey
 Turf Brown
 New Brown
 Terracotta Painted
 Country Red Lacquered

The Condron Senior slate offers the ultimate in thin leading edge roof tile technology. Available in 7 distinctive Condron colours and suitable for roof pitches down to 17.5°. [Click here](#) for more photos. Also available in Mock Bond and Bullnose front edge versions.

Fittings and accessories

Verge

Left hand verge tile
 Left and right hand half tiles
 Dry verge - Plastic Uni-click system
 Continuous dry verge system

Ridges

Universal Angle ridge
 High Pitch Angle ridge
 Universal Ornamental ridges

Hip

Universal Angle ridge
 High Pitch Universal Angle ridge
 Universal Ornamental ridges

Valley

GRP dry & bedded
 Lead

Ventilation

Dry ridge and hip systems
 Over-fascia ventilation system
 Tile ventilators

Fixings

Nails and clips

TECHNICAL DATA

Minimum roof pitch*	17.5° at 100 mm headlap 22.5° at 75 mm headlap*
Minimum headlap	75 mm
Maximum gauge	345 mm
Overall length	420 mm
Overall width	330 mm
Cover width	300 mm
Coverage at maximum gauge	9.7 tiles/m ²
Weight per 1000 tiles	5 tonnes
Laid weight (at 345 mm gauge)	48.7 kg/m ²
Pallet quantity	240
Batten sizes	38 x 25 mm (rafter centres up to 450 mm) 50 x 25 mm (rafter centres up to 600 mm)
Tile nails	50 x 3.35 mm aluminium clout head
Tile, eaves & verge clips	Stainless steel

*For roof pitches below 22.5° and rafter lengths over 6 metres, please refer to our '[Constructing a waterproof underlay system](#)' guide and [video guide](#).

Note: Senior Slates should be laid in a broken (half) bond pattern and Mock Bond versions in a quarter/three quarter bond pattern.

Slate Tile



Grey Concrete Slates Flockton Huddersfield



COLOURS

Black
Anthracite
Grey
Turf Brown
New Brown
Terracotta Painted
Country Red

This classic flat interlocking concrete tile combines modern design and technical expertise. Available in a choice of 7 distinctive Condron colours and suitable for roof pitches down to 17.5°. [Click here](#) for more photos. Also available in Mock Bond and Bullnose front edge versions.

Fittings and accessories

Verge

Left hand verge tile
Left and right hand half tiles
Dry verge - Plastic Uni-click system
Continuous dry verge system

Ridges

Universal Angle ridge
High Pitch Angle ridge
Universal Ornamental ridges

Hip

Universal Angle ridge
High Pitch Universal Angle ridge
Universal Ornamental ridges

Valley

GRP dry & bedded
Lead

Ventilation

Dry ridge and hip systems
Over-fascia ventilation system
Tile ventilators

Fixings

Nails and clips

TECHNICAL DATA

Minimum roof pitch*	17.5° at 100 mm headlap 22.5° at 75 mm headlap*
Minimum headlap	75 mm
Maximum gauge	345 mm
Overall length	420 mm
Overall width	330 mm
Cover width	300 mm
Coverage at maximum gauge	9.7 tiles/m ²
Weight per 1000 tiles	5 tonnes
Laid weight (at 345 mm gauge)	48.7 kg/m ²
Pallet quantity	180
Batten sizes	38 x 25 mm (rafter centres up to 450 mm) 50 x 25 mm (rafter centres up to 600 mm)
Tile nails	50 x 3.35 mm aluminium clout head
Tile, eaves & verge clips	Stainless steel

*For roof pitches below 22.5° and rafter lengths over 6 metres, please refer to our ['Constructing a waterproof underlay system'](#) guide and [video guide](#).

Note: Slate Tiles should be laid in a broken (half) bond pattern and Mock Bond versions in a quarter/three quarter bond pattern.

DR Tile



Black DR Dinnington Sheffield



COLOURS

Black
Anthracite
Grey
Turf Brown
New Brown
Terracotta Painted
Country Red

This latest addition to the Condron roof tile range offers the beauty of a traditional tile profile combined with modern design and technical expertise. Available in a choice of 7 distinctive Condron colours and suitable for roof pitches down to 22.5°. [Click here](#) for more photos.

Fittings and accessories

Verge

Left hand verge tile
Dry verge - Plastic Uni-click system
Continuous dry verge system

Ridges

Half Round ridge
Universal Ornamental ridges

Hip

Half Round ridge
Universal Ornamental ridges

Valley

GRP dry & bedded
Lead

Ventilation

Dry ridge and hip systems
Over-fascia ventilation system
Tile ventilators

Fixings

Nails, tile, eaves and verge clips

TECHNICAL DATA

Minimum roof pitch*	17.5° at 100 mm headlap 22.5° at 75 mm headlap*
Minimum headlap	75 mm
Maximum gauge	345 mm
Overall length	420 mm
Overall width	330 mm
Cover width	300 mm
Coverage at maximum gauge	9.7 tiles/m ²
Weight per 1000 tiles	4.5 tonnes
Laid weight (at 345 mm gauge)	43.7 kg/m ²
Pallet quantity	240
Batten sizes	38 x 25 mm (rafter centres up to 450 mm) 50 x 25 mm (rafter centres up to 600 mm)
Tile nails	65 x 3.75 mm aluminium clout head
Tile, eaves & verge clips	Stainless steel

*For roof pitches below 22.5° and rafter lengths over 6 metres, please refer to our [‘Constructing a waterproof underlay system’](#) guide and [video guide](#).

Pantile



Red Pantile Barlby near Selby



COLOURS

Black
Anthracite
Grey
Turf Brown
New Brown
Terracotta Painted
Country Red

The Condron Pantile offers the beauty of a traditional tile profile combined with modern design and technical expertise. Available in a choice of 7 distinctive Condron colours and suitable for roof pitches down to 17.5°. [Click here](#) for more photos.

Fittings and accessories

Verge

Left hand verge tile
Dry verge - Plastic Uni-click system
Continuous dry verge system

Ridges

Half Round ridge
Universal Ornamental ridges

Hip

Half Round ridge
Universal Ornamental ridges

Valley

GRP dry & bedded
Lead

Ventilation

Dry ridge and hip systems
Over-fascia ventilation system
Tile ventilators

Fixings

Nails, tile, eaves and verge clips

TECHNICAL DATA

Minimum roof pitch*	17.5° at 100 mm headlap 22.5° at 75 mm headlap*
Minimum headlap	75 mm
Maximum gauge	345 mm
Overall length	420 mm
Overall width	330 mm
Cover width	300 mm
Coverage at maximum gauge	9.7 tiles/m ²
Weight per 1000 tiles	4.5 tonnes
Laid weight (at 345 mm gauge)	43.7 kg/m ²
Pallet quantity	240
Batten sizes	38 x 25 mm (rafter centres up to 450 mm) 50 x 25 mm (rafter centres up to 600 mm)
Tile nails	65 x 3.75 mm aluminium clout head
Tile, eaves & verge clips	Stainless steel

*For roof pitches below 22.5° and rafter lengths over 6 metres, please refer to our [‘Constructing a waterproof underlay system’](#) guide and [video guide](#).

Low Pitch Pantile



New Brown Low Pitch Pantile



COLOURS

Black
Anthracite
Grey
Turf Brown
New Brown
Terracotta Painted
Country Red

The Condron Low Pitch Pantile offers the beauty of a traditional tile profile combined with modern design and technical expertise and is ideal for domestic low pitch extensions. Available in a choice of 7 distinctive Condron colours and suitable for roof pitches down to 12.5°.

Fittings and accessories

Verge

Left hand verge tile
Dry verge - Plastic Uni-click system
Continuous dry verge system

Ridges

Half Round ridge
Universal Ornamental ridges

Hip

Half Round ridge
Universal Ornamental ridges

Valley

GRP dry & bedded
Lead

Ventilation

Dry ridge and hip systems
Over-fascia ventilation system
Tile ventilators

Fixings

Nails, tile, eaves and verge clips

TECHNICAL DATA

Minimum roof pitch*	12.5° at 100 mm headlap 22.5° at 75 mm headlap*
Minimum headlap	75 mm
Maximum gauge	345 mm
Overall length	420 mm
Overall width	330 mm
Cover width	300 mm
Coverage at maximum gauge	9.7 tiles/m ²
Weight per 1000 tiles	4.5 tonnes
Laid weight (at 345 mm gauge)	43.7 kg/m ²
Pallet quantity	240
Batten sizes	38 x 25 mm (rafter centres up to 450 mm) 50 x 25 mm (rafter centres up to 600 mm)
Tile nails	65 x 3.75 mm aluminium clout head
Tile, eaves & verge clips	Stainless steel

***Note:** It is recommended that for rafter pitches below 17.5° the rafter length be no longer than 4.0 metres and water from higher roofs must not shed onto lower roofs; eg from valleys, abutments or gutter down pipes. For roof pitches below 22.5° and/or rafter lengths over 6 metres, please refer to our ['Constructing a waterproof underlay system' guide](#) and [video guide](#).

'M' Profile Tile



Grey 'M' Profile Tile



COLOURS

Black
Anthracite
Grey
Turf Brown
New Brown
Terracotta Painted
Country Red

The Condron 'M' Profile Tile offers the classic 'low profile' appearance in a large format concrete tile. Suitable for roof pitches down to 17.5°, 'M' Profile is ideal for domestic low pitch extension roofs. Available in a choice of 7 distinctive Condron colours. [Click here](#) for more photos.

Fittings and accessories

Verge

Left hand verge tile
Dry verge - Plastic Uni-click system
Continuous dry verge system

Ridges

Half Round ridge
Universal Ornamental ridges

Hip

Half Round ridge
Universal Ornamental ridges

Valley

GRP dry & bedded
Lead

Ventilation

Dry ridge and hip systems
Over-fascia ventilation system
Tile ventilators

Fixings

Nails, tile, eaves and verge clips

TECHNICAL DATA

Minimum roof pitch*	17.5° at 100 mm headlap 22.5° at 75 mm headlap*
Minimum headlap	75 mm
Maximum gauge	345 mm
Overall length	420 mm
Overall width	330 mm
Cover width	300 mm
Coverage at maximum gauge	9.7 tiles/m ²
Weight per 1000 tiles	4.8 tonnes
Laid weight (at 345 mm gauge)	46.8 kg/m ²
Pallet quantity	240
Batten sizes	38 x 25 mm (rafter centres up to 450 mm) 50 x 25 mm (rafter centres up to 600 mm)
Tile nails	50 x 3.35 mm aluminium clout head
Tile, eaves & verge clips	Stainless steel

*For roof pitches below 22.5° and rafter lengths over 6 metres, please refer to our ['Constructing a waterproof underlay system'](#) guide and [video guide](#).

Tile Colours



Black

Available in all tiles



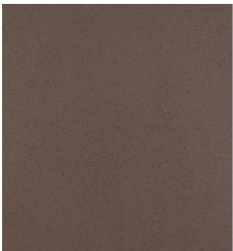
Grey

Available in all tiles



Anthracite

Available in all tiles



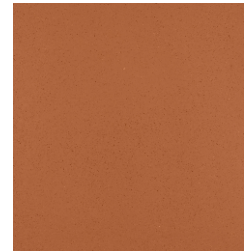
New Brown

Available in all tiles



Turf Brown

Available in all tiles



Terracotta

Available in all tiles



Country Red

Available in all tiles except Senior Slate



Country Red Lacquered

Available in Senior Slates only

Minor shade and colour variations may occur between batches of tiles. Therefore, we recommend that tiles are mixed from at least 3 pallets on site. The colours shown here are only as accurate as allowed for by the printing process. Product samples are available on request.

Note that under the influence of natural weathering, changes in surface colour and appearance will occur, resulting in a patchy roof. Black colour in particular tends to fade sooner than other colours, giving a chequered effect..

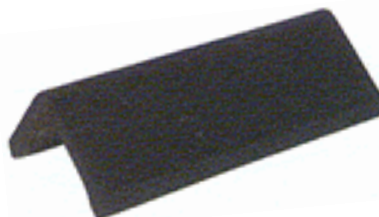
Ridge Profiles



Universal Concrete Angle Ridge

Suitable for roof pitches up to approx 37°

Pallet quantity: 100



High Pitch Concrete Angle Ridge

Suitable for roof pitches approx 37° to 50°

Pallet quantity: 100



Half Round Concrete Ridge

Suitable for roof pitches up to approx 55°

Pallet quantity: 100

All ridge profiles are also available in Gable and Hip Stop End versions.

Technical Services

Quantity estimating

For a detailed roof material quantity schedule, please contact your local Condron sales representation.

CAD detailing

CAD details are available for all our tiles and common roof details. For bespoke details, please contact our Technical Support team.

Installation

All tiles, fittings and accessories should be installed in accordance with Condron technical data and BS 5534: British Standard Code of practice for slating and tiling and BS 8000-6: British Standard Code of practice for workmanship on building sites.

Fixing specifications

All tiles, fittings and accessories should be fixed in accordance with BS 5534: British Standard Code of practice for slating and tiling.

For all projects, please contact Condron Technical Support for a detailed roof tile fixing specification.

Control of condensation

Adequate provision to prevent potentially harmful roof space condensation must be provided. This can be achieved by following the guidance in BS 5250, through a combination of measures, including low and high-level ventilation, vapour permeable or air and vapour underlays and well-sealed ceilings as defined in BS 9250.

Contact Condron technical Support for further information.

Efflorescence

Efflorescence occurs naturally on concrete products. Installing low and high-level roof-space ventilation when using air and vapour underlays will help to dissipate water vapour entering the batten cavity (the space between the tiles and underlay) and minimise the risk of efflorescence forming on the undersides of the tiles. At eaves, install Condron OFV Over Fascia Ventilation system. At ridge, install Condron Dry Ventilated Ridge system, ensuring that the underlay is set back from the ridge apex by at least 30mm each side to allow a free flow of air out from the roof space. For further information on installing Condron ventilation systems, go to our website at www.condronconcrete.ie. In addition, consider providing batten cavity ventilation at low through to high level, combined with 25mm deep counter battens to remove water vapour which enters the batten cavity. For further information, [click here](#) for our comprehensive video on 'How to reduce the risk of roof tile efflorescence'.

Sales and Pricing

For all sales and pricing enquiries, please contact:

D TOMASELLI Ltd: 07896 607 617 or email derektomaselli@gmail.com

Sales Operations

Apsley Smyth: 07778 369 411 or email apsleysmyth@btinternet.com

Technical Support

For assistance with quantity estimating, fixing specifications, technical details and general technical support, please contact JOHN MERCER on 07948 617 131 or email john.mercerconsultant@gmail.com

Further information

For further information on our range of products and installation guides, please contact us or visit

www.condronconcrete.ie

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Condron Concrete is continually innovating and improving its products and services. Therefore, we reserve the right to change product specifications without notice. Please contact us for the latest information or visit www.condronconcrete.ie

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